



Renewable Certificates: an Important Dimension in Capturing Green Value

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Capturing Green Value



Supporting
100% Emission-Free Electricity
from
PG&E National Energy Group

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Certificate Transactions

- **Compliment existing markets**
- **Make verification simple**
- **Create “credit markets”**
- **Capture renewable value**
- **Break historic boundaries**



Certificate Transactions

Compliment existing markets

- **Alleviate tying burden and associated expenses**
- **Enable and encourage wholesale trading**
- **Alleviate scheduling nightmare**



Certificate Transactions

Make Verification Easy

- **Annual tallies of supply and consumption**
- **Appropriate burden of proof**
- **May foster accountability for all attributes**



Certificate Transactions

Create “credit markets”

- **Allow separate focus on the emission benefits of power, e.g. “credits”**
- **Encourage trading opportunities for credits**
- **Monetize emission-free electricity**



Certificate Transactions

Capture renewable value

- **Independent factor of power**
- **Additional paths for transactions**



Certificate Transactions

Break historic boundaries

- Foster *environmental* renewable sales
- Re-focus siting on
 - Optimal resource potential
 - Minimal natural resource impacts



Power and Certificate Markets

